BALAJI PANDIYAN

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**CAREER OBJECTIVE**

Biostatistician, looking for a position that offers me an opportunity for advancement in my career endeavours, where I can utilize my current technical skills and knowledge under the senior’s supervision who can take the best out of me and gives me a chance for my innovative work as well for mutual beneficial results.

# SUMMARY

* **Data Manager** with 2+ years of experience with a strong emphasis in research studies and thorough knowledge of observational studies.
* Report results of the statistical analyses in the form of graphs, charts, and tables like
  + Correlation
  + Simple linear regression and multiple linear regression
  + Chi-square test
  + Logistic regression , Poisson regression
  + T-Test (Independent sample T-test , Paired sample T-test)
  + Linear mixed effect model
  + Bar chart , Pie chart , Scatter plot , Box plot , Line graph , stacked bar chart, Heatmap, ggplot
* Good knowledge of using STATA and R
* Quick learner and excellent team player, consistently meet the deadlines and can work under pressure
* Strong knowledge in resolving issues, communication, and interpersonal skills with the ability to interact with individuals at all levels
* Highly motivated individual with excellent organizational and interpersonal skills

# PROFESSIONAL EXPERIENCE

***Data manager –Biostatistician (2.5 Years)***

***Christian Medical College & Hospital, Vellore May2019 – Present***

***Responsibilities in Statistical Analysis***

* Analyse and interpret the data for scientific communication
* Calculate sample size for research studies
* Create tables and figures for research papers
* Interim analysis to ensure the study flow

***Responsibilities in Data Management***

* Develop automated STATA programs to identify the invalid data and missing data
* Carry out data cleaning for assigned studies
* Generate study reports for project management

# PROJECT CONTRIBUTION

* Implementing electronic data collection platform for household surveys in resource-constrained settings
* Households Healthcare Expenditure
* Data Analyst @ SRM Group of Institutions, Chennai Campus from October 2014 to Dec 2017
* MIS Executive @ Ventura Engineering Services from Jan 2018 to Feb 2019.
* From July 2011 to April 2012 worked Omega Healthcare Ltd as a "Junior Process Associate".

# PROGRAMMING AND SOFTWARE

* STATA -Working knowledge
* R programming language - Basic knowledge
* Microsoft Office tools (Word, Excel, PowerPoint)

# EDUCATIONAL QUALIFICATION

* Master of Statistics from Presidency College, Chennai in 2014
* Bachelor of Statistics from Presidency College, Chennai in 2012

# CONFERENCES

* XXXI Annual Conference of Indian Society for Medical Statistics (ISMSCON), Dept of Biostatistics, Christian Medical College (CMC), Vellore during (24-26 October 2013).

# PUBLICATIONS

* Implementing electronic data collection platform for household surveys in resource-constrained settings

# DECLARATION

* I do hereby declare that the above information is true to the best of my knowledge.